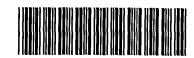
0390



OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/091,526

DATE: 03/28/2002

TIME: 09:21:30

Input Set : D:\PTZ29C1_seqList.txt
Output Set: N:\CRF3\03282002\J091526.raw

ENTERED

- 1 <110> APPLICANT: Rosen et al.
- 3 <120> TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
- 5 <130> FILE REFERENCE: PTZ29C1
- C--> 7 <140> CURRENT APPLICATION NUMBER: US/10/091,526
- C--> 7 <141> CURRENT FILING DATE: 2002-03-07
 - 7 <150> PRIOR APPLICATION NUMBER: 09/764,889
 - 8 <151> PRIOR FILING DATE: 2001-01-17
 - 10 <150> PRIOR APPLICATION NUMBER: 60/179,065
 - 11 <151> PRIOR FILING DATE: 2000-01-31
 - 13 <150> PRIOR APPLICATION NUMBER: 60/180,628
 - 14 <151> PRIOR FILING DATE: 2000-02-04
 - 16 <150> PRIOR APPLICATION NUMBER: 60/214,886
 - 17 <151> PRIOR FILING DATE: 2000-06-28
 - 19 <150> PRIOR APPLICATION NUMBER: 60/217,487
 - 20 <151> PRIOR FILING DATE: 2000-07-11
 - 22 <150> PRIOR APPLICATION NUMBER: 60/225,758
 - 23 <151> PRIOR FILING DATE: 2000-08-14
 - 25 <150> PRIOR APPLICATION NUMBER: 60/220,963
 - 26 <151> PRIOR FILING DATE: 2000-07-26
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 - 29 <151> PRIOR FILING DATE: 2000-07-11
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 - 34 <150> PRIOR APPLICATION NUMBER: 60/218,290
 - 35 <151> PRIOR FILING DATE: 2000-07-14
 - 37 <150> PRIOR APPLICATION NUMBER: 60/225,757
 - 38 <151> PRIOR FILING DATE: 2000-08-14
 - 40 <150> PRIOR APPLICATION NUMBER: 60/226,868
 - 41 <151> PRIOR FILING DATE: 2000-08-22
 - 43 <150> PRIOR APPLICATION NUMBER: 60/216,647
 - 44 <151> PRIOR FILING DATE: 2000-07-07
 - 46 <150> PRIOR APPLICATION NUMBER: 60/225,267
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 - 53 <151> PRIOR FILING DATE: 2000-08-14
 - 55 <150> PRIOR APPLICATION NUMBER: 60/251,869
 - 56 <151> PRIOR FILING DATE: 2000-12-08
 - 58 <150> PRIOR APPLICATION NUMBER: 60/235,834
 - 59 <151> PRIOR FILING DATE: 2000-09-27
 - 61 <150> PRIOR APPLICATION NUMBER: 60/234,274
 - 62 <151> PRIOR FILING DATE: 2000-09-21



RAW SEQUENCE LISTING DATE: 03/28/2002 PATENT APPLICATION: US/10/091,526 TIME: 09:21:30

Input Set : D:\PTZ29C1_seqList.txt

Output Set: N:\CRF3\03282002\J091526.raw

- 64 <150> PRIOR APPLICATION NUMBER: 60/234,223
- 65 <151> PRIOR FILING DATE: 2000-09-21
- 67 <150> PRIOR APPLICATION NUMBER: 60/228,924
- 68 <151> PRIOR FILING DATE: 2000-08-30
- 70 <150> PRIOR APPLICATION NUMBER: 60/224,518
- 71 <151> PRIOR FILING DATE: 2000-08-14
- 73 <150> PRIOR APPLICATION NUMBER: 60/236,369
- 74 <151> PRIOR FILING DATE: 2000-09-29
- 76 <150> PRIOR APPLICATION NUMBER: 60/224,519
- 77 <151> PRIOR FILING DATE: 2000-08-14
- 79 <150> PRIOR APPLICATION NUMBER: 60/220,964
- 80 <151> PRIOR FILING DATE: 2000-07-26
- 82 <150> PRIOR APPLICATION NUMBER: 60/241,809
- 83 <151> PRIOR FILING DATE: 2000-10-20
- 85 <150> PRIOR APPLICATION NUMBER: 60/249,299
- 86 <151> PRIOR FILING DATE: 2000-11-17
- 88 <150> PRIOR APPLICATION NUMBER: 60/236,327
- 89 <151> PRIOR FILING DATE: 2000-09-29
- 91 <150> PRIOR APPLICATION NUMBER: 60/241,785
- 92 <151> PRIOR FILING DATE: 2000-10-20
- 94 <150> PRIOR APPLICATION NUMBER: 60/244,617
- 95 <151> PRIOR FILING DATE: 2000-11-01
- 97 <150> PRIOR APPLICATION NUMBER: 60/225,268
- 98 <151> PRIOR FILING DATE: 2000-08-14
- 100 <150> PRIOR APPLICATION NUMBER: 60/236,368
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- 103 <150> PRIOR APPLICATION NUMBER: 60/251,856
- 104 <151> PRIOR FILING DATE: 2000-12-08
- 106 <150> PRIOR APPLICATION NUMBER: 60/251,868
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- 110 <151> PRIOR FILING DATE: 2000-09-01
- 112 <150> PRIOR APPLICATION NUMBER: 60/234,997
- 113 <151> PRIOR FILING DATE: 2000-09-25
- 115 <150> PRIOR APPLICATION NUMBER: 60/229,343
- 116 <151> PRIOR FILING DATE: 2000-09-01
- 118 <150> PRIOR APPLICATION NUMBER: 60/229,345
- 119 <151> PRIOR FILING DATE: 2000-09-01
- 121 <150> PRIOR APPLICATION NUMBER: 60/229,287
- 122 <151> PRIOR FILING DATE: 2000-09-01
- 124 <150> PRIOR APPLICATION NUMBER: 60/229,513
- 125 <151> PRIOR FILING DATE: 2000-09-05
- 127 <150> PRIOR APPLICATION NUMBER: 60/231,413
- 128 <151> PRIOR FILING DATE: 2000-09-08
- 130 <150> PRIOR APPLICATION NUMBER: 60/229,509
- 131 <151> PRIOR FILING DATE: 2000-09-05
- 133 <150> PRIOR APPLICATION NUMBER: 60/236,367
- 134 <151> PRIOR FILING DATE: 2000-09-29
- 136 <150> PRIOR APPLICATION NUMBER: 60/237,039



DATE: 03/28/2002

TIME: 09:21:30

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/091,526

Input Set : D:\PTZ29C1_seqList.txt

Output Set: N:\CRF3\03282002\J091526.raw

- 137 <151> PRIOR FILING DATE: 2000-10-02
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- 140 <151> PRIOR FILING DATE: 2000-10-02
- 142 <150> PRIOR APPLICATION NUMBER: 60/236,370
- 143 <151> PRIOR FILING DATE: 2000-09-29
- 145 <150> PRIOR APPLICATION NUMBER: 60/236,802
- 146 <151> PRIOR FILING DATE: 2000-10-02
- 148 <150> PRIOR APPLICATION NUMBER: 60/237,037
- 149 <151> PRIOR FILING DATE: 2000-10-02
- 151 <150> PRIOR APPLICATION NUMBER: 60/237,040
- 152 <151> PRIOR FILING DATE: 2000-10-02
- 154 <150> PRIOR APPLICATION NUMBER: 60/240,960
- 155 <151> PRIOR FILING DATE: 2000-10-20
- 157 <150> PRIOR APPLICATION NUMBER: 60/239,935
- 158 <151> PRIOR FILING DATE: 2000-10-13
- 160 <150> PRIOR APPLICATION NUMBER: 60/239,937
- 161 <151> PRIOR FILING DATE: 2000-10-13
- 163 <150> PRIOR APPLICATION NUMBER: 60/241,787
- 164 <151> PRIOR FILING DATE: 2000-10-20
- 166 <150> PRIOR APPLICATION NUMBER: 60/246,474
- 167 <151> PRIOR FILING DATE: 2000-11-08
- 169 <150> PRIOR APPLICATION NUMBER: 60/246,532
- 170 <151> PRIOR FILING DATE: 2000-11-08
- 172 <150> PRIOR APPLICATION NUMBER: 60/249,216
- 173 <151> PRIOR FILING DATE: 2000-11-17
- 175 <150> PRIOR APPLICATION NUMBER: 60/249,210
- 176 <151> PRIOR FILING DATE: 2000-11-17
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- 179 <151> PRIOR FILING DATE: 2000-08-22
- 181 <150> PRIOR APPLICATION NUMBER: 60/225,759
- 182 <151> PRIOR FILING DATE: 2000-08-14
- 184 <150> PRIOR APPLICATION NUMBER: 60/225,213
- 185 <151> PRIOR FILING DATE: 2000-08-14
- 187 <150> PRIOR APPLICATION NUMBER: 60/227,182
- 188 <151> PRIOR FILING DATE: 2000-08-22
- 190 <150> PRIOR APPLICATION NUMBER: 60/225,214
- 191 <151> PRIOR FILING DATE: 2000-08-14
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- 194 <151> PRIOR FILING DATE: 2000-09-27
- 196 <150> PRIOR APPLICATION NUMBER: 60/230,438
- 197 <151> PRIOR FILING DATE: 2000-09-06
- 199 <150> PRIOR APPLICATION NUMBER: 60/215,135
- 200 <151> PRIOR FILING DATE: 2000-06-30
- 202 <150> PRIOR APPLICATION NUMBER: 60/225,266
- 203 <151> PRIOR FILING DATE: 2000-08-14
- 205 <150> PRIOR APPLICATION NUMBER: 60/249,218
- 206 <151> PRIOR FILING DATE: 2000-11-17
- 208 <150> PRIOR APPLICATION NUMBER: 60/249,208
- 209 <151> PRIOR FILING DATE: 2000-11-17



RAW SEQUENCE LISTING DATE: 03/28/2002 PATENT APPLICATION: US/10/091,526 TIME: 09:21:30

Input Set : D:\PTZ29Cl_seqList.txt

Output Set: N:\CRF3\03282002\J091526.raw

- 211 <150> PRIOR APPLICATION NUMBER: 60/249,213
- 212 <151> PRIOR FILING DATE: 2000-11-17
- 214 <150> PRIOR APPLICATION NUMBER: 60/249,212
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- 217 <150> PRIOR APPLICATION NUMBER: 60/249,207
- 218 <151> PRIOR FILING DATE: 2000-11-17
- 220 <150> PRIOR APPLICATION NUMBER: 60/249,245
- 221 <151> PRIOR FILING DATE: 2000-11-17
- 223 <150> PRIOR APPLICATION NUMBER: 60/249,244
- 224 <151> PRIOR FILING DATE: 2000-11-17
- 226 <150> PRIOR APPLICATION NUMBER: 60/249,217
- 227 <151> PRIOR FILING DATE: 2000-11-17
- 229 <150> PRIOR APPLICATION NUMBER: 60/249,211
- 230 <151> PRIOR FILING DATE: 2000-11-17
- 232 <150> PRIOR APPLICATION NUMBER: 60/249,215
- 233 <151> PRIOR FILING DATE: 2000-11-17
- 235 <150> PRIOR APPLICATION NUMBER: 60/249,264
- 236 <151> PRIOR FILING DATE: 2000-11-17
- 238 <150> PRIOR APPLICATION NUMBER: 60/249,214
- 239 <151> PRIOR FILING DATE: 2000-11-17
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- 242 <151> PRIOR FILING DATE: 2000-11-17
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- 245 <151> PRIOR FILING DATE: 2000-09-14
- 247 <150> PRIOR APPLICATION NUMBER: 60/231,242
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- 250 <150> PRIOR APPLICATION NUMBER: 60/232,081
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- 254 <151> PRIOR FILING DATE: 2000-09-08
- 256 <150> PRIOR APPLICATION NUMBER: 60/231,414
- 257 <151> PRIOR FILING DATE: 2000-09-08
- 259 <150> PRIOR APPLICATION NUMBER: 60/231,244
- 260 <151> PRIOR FILING DATE: 2000-09-08
- 262 <150> PRIOR APPLICATION NUMBER: 60/233,064
- 263 <151> PRIOR FILING DATE: 2000-09-14
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- 275 <151> PRIOR FILING DATE: 2000-09-14
- 277 <150> PRIOR APPLICATION NUMBER: 60/241,808
- 278 <151> PRIOR FILING DATE: 2000-10-20
- 280 <150> PRIOR APPLICATION NUMBER: 60/241,826
- 281 <151> PRIOR FILING DATE: 2000-10-20
- 283 <150> PRIOR APPLICATION NUMBER: 60/241,786



RAW SEQUENCE LISTING DATE: 03/28/2002 PATENT APPLICATION: US/10/091,526 TIME: 09:21:30

Input Set : D:\PTZ29C1_seqList.txt

Output Set: N:\CRF3\03282002\J091526.raw

- 284 <151> PRIOR FILING DATE: 2000-10-20
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- 289 <150> PRIOR APPLICATION NUMBER: 60/246,475
- 290 <151> PRIOR FILING DATE: 2000-11-08
- 292 <150> PRIOR APPLICATION NUMBER: 60/231,243
- 293 <151> PRIOR FILING DATE: 2000-09-08
- 295 <150> PRIOR APPLICATION NUMBER: 60/233,065
- 296 <151> PRIOR FILING DATE: 2000-09-14
- 298 <150> PRIOR APPLICATION NUMBER: 60/232,398
- 299 <151> PRIOR FILING DATE: 2000-09-14
- 301 <150> PRIOR APPLICATION NUMBER: 60/234,998
- 302 <151> PRIOR FILING DATE: 2000-09-25
- 304 <150> PRIOR APPLICATION NUMBER: 60/246,477
- 305 <151> PRIOR FILING DATE: 2000-11-08
- 307 <150> PRIOR APPLICATION NUMBER: 60/246,528
- 308 <151> PRIOR FILING DATE: 2000-11-08
- 310 <150> PRIOR APPLICATION NUMBER: 60/246,525
- 311 <151> PRIOR FILING DATE: 2000-11-08
- 313 <150> PRIOR APPLICATION NUMBER: 60/246,476
- 314 <151> PRIOR FILING DATE: 2000-11-08
- 316 <150> PRIOR APPLICATION NUMBER: 60/246,526
- 317 <151> PRIOR FILING DATE: 2000-11-08
- 319 <150> PRIOR APPLICATION NUMBER: 60/249,209
- 320 <151> PRIOR FILING DATE: 2000-11-17
- 322 <150> PRIOR APPLICATION NUMBER: 60/246,527
- 323 <151> PRIOR FILING DATE: 2000-11-08
- 325 <150> PRIOR APPLICATION NUMBER: 60/246,523
- 326 <151> PRIOR FILING DATE: 2000-11-08
- 328 <150> PRIOR APPLICATION NUMBER: 60/246,524
- 329 <151> PRIOR FILING DATE: 2000-11-08
- 331 <150> PRIOR APPLICATION NUMBER: 60/246,478
- 332 <151> PRIOR FILING DATE: 2000-11-08
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- 335 <151> PRIOR FILING DATE: 2000-11-08
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- 340 <150> PRIOR APPLICATION NUMBER: 60/249,300
- 341 <151> PRIOR FILING DATE: 2000-11-17
- 343 <150> PRIOR APPLICATION NUMBER: 60/249,265 344 <151> PRIOR FILING DATE: 2000-11-17
- 346 <150> PRIOR APPLICATION NUMBER: 60/246,610
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- 347 <151> PRIOR FILING DATE: 2000-11-08
- 349 <150> PRIOR APPLICATION NUMBER: 60/246,611
- 350 <151> PRIOR FILING DATE: 2000-11-08
- 352 <150> PRIOR APPLICATION NUMBER: 60/230,437
- 353 <151> PRIOR FILING DATE: 2000-09-06
- 355 <150> PRIOR APPLICATION NUMBER: 60/251,990
- 356 <151> PRIOR FILING DATE: 2000-12-08



Use of n and/or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to insure a corresponding explanation is presented in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/091,526

DATE: 03/28/2002 TIME: 09:21:31

Input Set : D:\PTZ29C1_seqList.txt

Output Set: N:\CRF3\03282002\J091526.raw

L:7 M:270 C: Current Application Number differs, Replaced Current Application No

L:7 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:453 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2

L:602 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 L:603 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 L:616 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12

L:689 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13

L:769 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15